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PTO/SB/18 (08-00)

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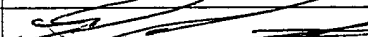
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UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No.	282.033
(Only for new nonprovisional applications under 37 CFR 1.53(b))		First Named Inventor	David J. Beebe et al.
		Title	Microfluidic Device For Drug Delivery
		Express Mail Label No.	EV3130402040US
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Mail Stop - Box Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
1. (<input checked="" type="checkbox"/>) Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)		8. (<input type="checkbox"/>) Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)	
2. (<input checked="" type="checkbox"/>) Applicant claims small entity status See 37 CFR 1.27		a. (<input type="checkbox"/>) Computer Readable Form (CRF)	
3. (<input checked="" type="checkbox"/>) Specification [Total Pages <u>21</u>] (preferred arrangement set forth below, MPEP 1503.01) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claims - Abstract of the Disclosure		b. (<input type="checkbox"/>) Specification Sequence Listing on: i. (<input type="checkbox"/>) CD-ROM or CD-R (2 copies); or ii. (<input type="checkbox"/>) paper	
4. (<input checked="" type="checkbox"/>) Drawing(s) (35 U.S.C. 113) [Total Sheets <u>4</u>]		c. (<input type="checkbox"/>) Statement verifying identity of above copies	
5. (X) Oath or Declaration [Total Pages <u>2</u>] a. (<input checked="" type="checkbox"/>) Newly executed (original or copy) b. (<input type="checkbox"/>) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 16 completed) i. (<input type="checkbox"/>) DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)(2) and 1.33 (b).		ACCOMPANYING APPLICATION PARTS	
6. (<input type="checkbox"/>) Application Data Sheet. See 37 CFR 1.76		9. (<input type="checkbox"/>) Assignment Papers (cover sheet & document(s))	
7. (<input type="checkbox"/>) CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)		10. (<input type="checkbox"/>) 37 CFR 3.73(b) Statement (<input type="checkbox"/>) Power of Attorney (when there is an assignee)	
16. If a CONTINUING APPLICATION , check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: (<input checked="" type="checkbox"/>) Continuation (<input type="checkbox"/>) Divisional (<input type="checkbox"/>) Continuation-in-part (CIP) of prior application No: <u>10/640,345</u> Prior application information: Examiner (Not Yet Assigned) Group / Art Unit: <u>1743</u> For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.		11. (<input type="checkbox"/>) English Translation Document (if applicable)	
		12. (<input type="checkbox"/>) Information Disclosure Statement (IDS)/PTO-1449 (<input type="checkbox"/>) Copies of IDS Citations	
		13. (<input type="checkbox"/>) Preliminary Amendment	
		14. (X) Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
		15. (<input type="checkbox"/>) Certified Copy of Priority Document(s) (if foreign priority is claimed)	
		16. (<input type="checkbox"/>) Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i) - Applicant must attached form PTO/SB/35 or its equivalent	
		17. (<input type="checkbox"/>) Other: _____	
17. CORRESPONDENCE ADDRESS			
<input type="checkbox"/> Customer Number or Bar Code Label		or <input checked="" type="checkbox"/> Correspondence address below	
		23598	
Name	Peter C. Stomma		
Address	BOYLE, FREDRICKSON, NEWHOLM, STEIN & GRATZ S.C. 250 E. Wisconsin Avenue, Suite 1030		
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Name (Print/Type) Peter C. Stomma		Registration No. (Attorney/Agent) 36,020	
Signature		Date January 22, 2004	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Design, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2004				Complete if Known			
Patent fees are subject to annual revision.				Application Number			
				Filing Date			
				First Named Inventor		David J. Beebe et al.	
				Examiner Name			
				Group Art Unit			
				Attorney Docket No.		282.033	
<input checked="" type="checkbox"/> Applicant Claims small entity status See 37 CFR 1.27							
TOTAL AMOUNT OF PAYMENT		(\$)		430.00			
METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)			
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 50-1170 Deposit Account Name: Boyle, Fredrickson, Newholm, Stein & Gratz S.C. The Commissioner is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input checked="" type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27 <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				3. ADDITIONAL FEES			
				Large Entity		Small Entity	
				Fee	Fee	Fee	Fee
				105	130	205	65
				Surcharge - late filing fee or oath			
				127	50	227	25
				Surcharge - late provisional filing fee or cover sheet			
				139	130	139	130
				Non-English specification			
				147	2,520	147	2,520
				For filing a request for <i>ex parte</i> reexamination			
				112	920*	112	920*
				Requesting publication of SIR prior to Examiner action			
				113	1,840*	113	1,840*
				Requesting publication of SIR after Examiner action			
				115	110	215	55
				Extension for reply within first month			
				116	400	216	200
				Extension for reply within second month			
				117	920	217	460
				Extension for reply within third month			
				118	1,440	218	720
				Extension for reply within fourth month			
				128	1,960	228	980
				Extension for reply within fifth month			
				119	320	219	160
				Notice of Appeal			
				120	320	220	160
				Filing a brief in support of an appeal			
				121	280	221	140
				Request for oral hearing			
				138	1,510	138	1,510
				Petition to institute a public use proceeding			
				140	110	240	55
				Petition to revive - unavoidable			
				141	1,280	241	640
				Petition to revive - unintentional			
				142	1,280	242	640
				Utility issue fee (or reissue)			
				143	460	243	230
				Design issue fee			
				144	620	244	310
				Plant issue fee			
				122	130	122	130
				Petitions to the Commissioner			
				123	50	123	50
				Processing fee under 37 CFR 1.17(q)			
				126	180	126	180
				Submission of Information Disclosure Stmt			
				581	40	581	40
				Recording each patent assignment per property (times number of properties)			
				146	740	246	370
				Filing a submission after final rejection (37 CFR § 1.129(a))			
				149	740	249	370
				For each additional invention to be examined (37 CFR § 1.129(b))			
				179	740	279	370
				Request for Continued Examination (RCE)			
				169	900	169	900
				Request for expedited examination of a design application			
				Other fee (specify) _____			
				SUBTOTAL (3)		(\$)	
SUBMITTED BY				Complete (if applicable)			
Name (Print/Type)		Peter C. Stomma		Registration No. (Attorney/Agent)		36,020	
Signature				Telephone		(414) 225-9755	
				Date		1/22/04	

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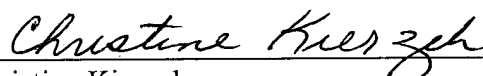
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Certification Under 37 CFR 1.10

Express Mail Label No: **EV313040240US**

Date of Deposit: **January 22, 2004**

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Christine Kierzek



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January 22, 2004

Mail Stop - Box Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Utility Patent Application
Inventor(s): David J. Beebe et al.
Title: *Microfluidic Device For Drug Delivery*
USPTO Customer Account No.: 23598
Attorney Docket No.: 282.033

Dear Sir:

Enclosed is our check in the amount of \$430.00 in payment of the government filing fee for the enclosed United States patent application, which application includes 14 pages of specification, 25 claims on 6 sheets, 1 page Abstract of the Disclosure and 13 Figures on 4 Drawing sheets. A Utility Patent Application Transmittal and Fee Transmittal Form PTO/SB/17 (11/00) together with the filing fee are also enclosed. The Declaration and Power of Attorney is also included with the application.

Applicant is a small entity within the meaning of 37 CFR §§ 1.9 and 1.27 and hereby claims small entity status. The application has Federal Funding No. NASA NAG8-1672.

Mail Stop - Box Patent Application
Commissioner for Patents
January 22, 2004
Page 2

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1170.

Respectfully submitted,

By: 

Peter C. Stomma, Reg. No. 36,020

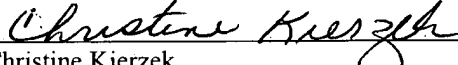
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Certification Under 37 CFR 1.10

Express Mail Label No: EV3130340240US

Date of Deposit: January 22, 2004

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Christine Kierzek